

# Recombinant Full Length Human CDKL2 Protein, GST-tagged

Cat. No. CDKL2-3168HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CDKL2 full-length ORF (BAG35392.1, 1 a.a. - 493 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	493 amino acids
<b>Description</b>	This gene product is a member of a large family of CDC2-related serine/threonine protein kinases. It accumulates primarily in the cytoplasm, with lower levels in the nucleus. [provided by RefSeq, Jul 2008]
<b>Molecular Mass</b>	82.4 kDa
<b>AA Sequence</b>	<p>MEKYENLGLVGEESYGMVMKCRNKDTGRIVAIAKKFLESDDDKMVKKIAMREIKLLKQ            LRHENLVNLLLEVCKKKRWYLVFEFVDHTILDLELFPNGLDYQVVQKYLFIINGIGF            CHSHNIIHRDIKPENILVSQSGVVKLCDFGFARTLAAPGEVYTDYVATRWYRAPELLV            GDVKYGKAVDVWAIGCLVTEMFMGEPLFPGDSDIDQLYHIMMCLGNLIPRHQELFN            KNPVFAGVRLPEIKEREPLERRYPKLSEVVIDLAKKCLHIDPDKRPFCAELLHHDFFQ            MDGFAERFSQELQLKVQKDARNVSLSKKSQNRKKEKEKDDSLVEERKTLVVQDTN            ADPKIKDYKLFKIKGSKIDGEKAEKGNRASNASCLHDSRTSHNKIVPSTSLKDCSNVS            VDHTRNPSVAIPPLTHNLSAVAPSINSGMGTETIPIQGYRVDEKTKKCSIPFVKPNRH            SPSGIYNINVTTLVSGPPLSDDSGADLPQMEHQH</p>

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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	CDKL2 cyclin-dependent kinase-like 2 (CDC2-related kinase) [ Homo sapiens ]
<b>Official Symbol</b>	CDKL2
<b>Synonyms</b>	CDKL2; cyclin-dependent kinase-like 2 (CDC2-related kinase); cyclin-dependent kinase-like 2; KKIAMRE; P56; CDC2-related kinase; p56 KKIAMRE protein kinase; protein kinase p56 KKIAMRE; serine/threonine protein kinase KKIAMRE; serine/threonine-protein kinase KKIAMRE;
<b>Gene ID</b>	8999
<b>mRNA Refseq</b>	NM_003948
<b>Protein Refseq</b>	NP_003939
<b>MIM</b>	603442
<b>UniProt ID</b>	Q92772

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